



# Salesforce

## Exam Questions CRT-450

Salesforce Certified Platform Developer I (SU18)

#### NEW QUESTION 1

A developer needs to create a Visualforce page that displays Case data. The page will be used by both support reps and support managers. The Support Rep profile does not allow visibility of the Customer\_Satisfaction c field, but the Support Manager profile does. How can the developer create the page to enforce Field Level Security and keep future maintenance to a minimum?

- A. Create one Visualforce Page for use by both profiles.
- B. Use a new Support Manager permission set.
- C. Create a separate Visualforce Page for each profile.
- D. Use a custom controller that has the with sharing keyword

**Answer: D**

#### NEW QUESTION 2

In a single record, a user selects multiple values from a multi-select picklist. How are the selected values represented in Apex?

- A. As a List<String> with each value as an element in the list
- B. As a String with each value separated by a comma
- C. As a String with each value separated by a semicolon
- D. As a Set<String> with each value as an element in the set

**Answer: C**

#### NEW QUESTION 3

Which statement results in an Apex compiler error?

- A. Map<Id,Leas> lmap = new Map<Id,Lead>([Select ID from Lead Limit 8]);
- B. Date d1 = Date.Today(), d2 = Date.ValueOf('2018-01-01');
- C. Integer a=5, b=6, c, d = 7;
- D. List<string> s = List<string>{'a','b','c'};

**Answer: D**

#### NEW QUESTION 4

Which three tools can deploy metadata to production? (Choose three.)

- A. Change Set from Developer Org
- B. Force.com IDE
- C. Data Loader
- D. Change Set from Sandbox
- E. Metadata API

**Answer: ADE**

#### NEW QUESTION 5

How should a developer make sure that a child record on a custom object, with a lookup to the Account object, has the same sharing access as its associated account?

- A. Create a Sharing Rule comparing the custom object owner to the account owner.
- B. Create a validation rule on the custom object comparing the record owners on both records.
- C. Include the sharing related list on the custom object page layout.
- D. Ensure that the relationship between the objects is Master-Detail

**Answer: D**

#### NEW QUESTION 6

What should a developer use to implement an automatic Approval Process submission for Cases?

- A. An Assignment Rule
- B. Scheduled Apex
- C. Process Builder
- D. A Workflow Rule

**Answer: C**

#### NEW QUESTION 7

What is a capability of the <ltng:require> tag that is used for loading external Javascript libraries in Lightning Component? (Choose three.)

- A. Loading files from Documents.
- B. One-time loading for duplicate scripts.
- C. Specifying loading order.
- D. Loading scripts in parallel.
- E. Loading externally hosted script

**Answer: BCD**

#### NEW QUESTION 8

Which approach should be used to provide test data for a test class?

- A. Query for existing records in the database.
- B. Execute anonymous code blocks that create data.
- C. Use a test data factory class to create test data.
- D. Access data in @TestVisible class variable

**Answer: C**

#### NEW QUESTION 9

When is an Apex Trigger required instead of a Process Builder Process?

- A. When a record needs to be created
- B. When multiple records related to the triggering record need to be updated
- C. When a post to Chatter needs to be created
- D. When an action needs to be taken on a delete or undelete, or before a DML operation is executed.

**Answer: D**

#### NEW QUESTION 10

What are three characteristics of static methods? (Choose three.)

- A. Initialized only when a class is loaded
- B. A static variable outside of the scope of an Apex transaction
- C. Allowed only in outer classes
- D. Allowed only in inner classes
- E. Excluded from the view state for a Visualforce page

**Answer: ACE**

#### NEW QUESTION 10

For which three items can a trace flag be configured? (Choose three.)

- A. Apex Trigger
- B. Apex Class
- C. Process Builder
- D. User
- E. Visualforce

**Answer: ABD**

#### NEW QUESTION 15

When an Account's custom picklist field called Customer Sentiment is changed to a value of "Confused", a new related Case should automatically be created. Which two methods should a developer use to create this case? (Choose two.)

- A. Process Builder
- B. Apex Trigger
- C. Custom Button
- D. Workflow Rule

**Answer: AB**

#### NEW QUESTION 17

Given:

Map<ID, Account> accountMap = new Map<ID, Account> ([SELECT Id, Name FROM Account]); What are three valid Apex loop structures for iterating through items in the collection? (Choose three.)

- A. for (ID accountID : accountMap.keySet()) {...}
- B. for (Account accountRecord : accountMap.values()) {...}
- C. for (Integer i=0; i < accountMap.size(); i++) {...}
- D. for (ID accountID : accountMap) {...}
- E. for (Account accountRecord : accountMap.keySet()) {...}

**Answer: ABC**

#### NEW QUESTION 20

Which three options allow a developer to use custom styling in a Visualforce page? (Choose three.)

- A. <apex:stylesheet> tag
- B. Inline CSS
- C. <apex:style>tag
- D. <apex:stylesheets>tag
- E. A static resource

**Answer:**

ABE

#### NEW QUESTION 24

A developer needs to test an Invoicing system integration. After reviewing the number of transactions required for the test, the developer estimates that the test data will total about 2 GB of data storage. Production data is not required for the integration testing. Which two environments meet the requirements for testing? (Choose two.)

- A. Developer Sandbox
- B. Full Sandbox
- C. Developer Edition
- D. Partial Sandbox
- E. Developer Pro Sandbox

**Answer:** BD

#### NEW QUESTION 29

Which approach should a developer take to automatically add a "Maintenance Plan" to each Opportunity that includes an "Annual Subscription" when an opportunity is closed?

- A. Build a OpportunityLineItem trigger that adds a PriceBookEntry record.
- B. Build an OpportunityLineItem trigger to add an OpportunityLineItem record.
- C. Build an Opportunity trigger that adds a PriceBookEntry record.
- D. Build an Opportunity trigger that adds an OpportunityLineItem record.

**Answer:** D

#### NEW QUESTION 32

An org has a single account named 'NoContacts' that has no related contacts. Given the query: List<Account> accounts = [Select ID, (Select ID, Name from Contacts) from Account where Name='NoContacts']; What is the result of running this Apex?

- A. accounts[0].contacts is invalid Apex.
- B. accounts[0].contacts is an empty Apex.
- C. accounts[0].contacts is Null.
- D. A QueryException is throw

**Answer:** B

#### NEW QUESTION 34

How can a developer set up a debug log on a specific user?

- A. It is not possible to setup debug logs for users other than yourself.
- B. Ask the user for access to their account credentials, log in as the user and debug the issue.
- C. Create Apex code that logs code actions into a custom object.
- D. Set up a trace flag for the user, and define a logging level and time period for the trace.

**Answer:** D

#### NEW QUESTION 37

A developer is asked to create a PDF quote document formatted using the company's branding guidelines, and automatically save it to the Opportunity record. Which two ways should a developer create this functionality? (Choose two.)

- A. Install an application from the AppExchange to generate documents.
- B. Create a Visualforce page with custom styling.
- C. Create an email template and use it in Process Builder.
- D. Create a visual flow that implements the company's formatting.

**Answer:** AB

#### NEW QUESTION 39

Using the Schema Builder, a developer tries to change the API name of a field that is referenced in an Apex test class. What is the end result?

- A. The API name is not changed and there are no other impacts.
- B. The API name of the field and the reference in the test class is changed.
- C. The API name of the field is changed, and a warning is issued to update the class.
- D. The API name of the field and the reference in the test class is update

**Answer:** C

#### NEW QUESTION 43

The operation manager at a construction company uses a custom object called Machinery to manage the usage and maintenance of its cranes and other machinery. The manager wants to be able to assign machinery to different construction jobs, and track the dates and costs associated with each job. More than one piece of machinery can be assigned to one construction job. What should a developer do to meet these requirements?

- A. Create a lookup field on the Construction Job object to the Machinery object.
- B. Create a lookup field on the Machinery object to the Construction Job object.

- C. Create a junction object with Master-Detail Relationship to both the Machinery object and the Construction Job object.
- D. Create a Master-Detail Lookup on the Machinery object to the Construction Job object

**Answer:** A

#### NEW QUESTION 45

Which two statements are true about using the @testSetup annotation in an Apex test class? (Choose two.)

- A. The @testSetup annotation cannot be used when the @isTest(SeeAllData=True) annotation is used.
- B. Test data is inserted once for all test methods in a class.
- C. Records created in the @testSetup method cannot be updated in individual test methods.
- D. The @testSetup method is automatically executed before each test method in the test class is executed

**Answer:** D

#### NEW QUESTION 49

A method is passed a list of generic sObjects as a parameter.

What should the developer do to determine which object type (Account, Lead, or Contact, for example) to cast each sObject?

- A. Use the first three characters of the sObject ID to determine the sObject type.
- B. Use the getSObjectType method on each generic sObject to retrieve the sObject token.
- C. Use the getSObjectName method on the sObject class to get the sObject name.
- D. Use a try-catch construct to cast the sObject into one of the three sObject type

**Answer:** B

#### NEW QUESTION 51

A developer encounters APEX heap limit errors in a trigger.

Which two methods should the developer use to avoid this error? (Choose two.)

- A. Use the transient keyword when declaring variables.
- B. Query and store fields from the related object in a collection when updating related objects.
- C. Remove or set collections to null after use.
- D. Use SOQL for loops instead of assigning large queries results to a single collection and looping through the collection

**Answer:** AD

#### NEW QUESTION 53

What are two valid options for iterating through each Account in the collection List<Account> named AccountList? (Choose two.)

- A. for (Account theAccount : AccountList) {...}
- B. for(AccountList) {...}
- C. for (List L : AccountList) {...}
- D. for (Integer i=0; i < AccountList.Size(); i++) {...}

**Answer:** AD

#### NEW QUESTION 58

A Visualforce page is required for displaying and editing Case records that includes both standard and custom functionality defined in an Apex class called myControllerExtension.

The Visualforce page should include which <apex:page> attribute(s) to correctly implement controller functionality?

- A. controller="Case" and extensions="myControllerExtension"
- B. extensions="myControllerExtension"
- C. controller="myControllerExtension"
- D. standardController="Case" and extensions="myControllerExtension"

**Answer:** D

#### NEW QUESTION 59

Which two strategies should a developer use to avoid hitting governor limits when developing in a multi-tenant environment? (Choose two.)

- A. Use collections to store all fields from a related object and not just minimally required fields.
- B. Use methods from the "Limits" class to monitor governor limits.
- C. Use SOQL for loops to iterate data retrieved from queries that return a high number of rows.
- D. Use variables within Apex classes to store large amounts of data

**Answer:** BC

#### NEW QUESTION 63

Why would a developer consider using a custom controller over a controller extension?

- A. To increase the SOQL query governor limits.
- B. To implement all of the logic for a page and bypass default Salesforce functionality
- C. To leverage built-in functionality of a standard controller

D. To enforce user sharing settings and permissions

**Answer:** B

#### NEW QUESTION 68

A platform developer at Universal Containers needs to create a custom button for the Account object that, when clicked, will perform a series of calculations and redirect the user to a custom Visualforce page.

Which three attributes need to be defined with values in the <apex:page> tag to accomplish this? (Choose three.)

- A. action
- B. renderAs
- C. standardController
- D. readOnly
- E. extensions

**Answer:** ABC

#### NEW QUESTION 69

A developer wrote a unit test to confirm that a custom exception works properly in a custom controller, but the test failed due to an exception being thrown.

Which step should the developer take to resolve the issue and properly test the exception?

- A. Use try/catch within the unit test to catch the exception.
- B. Use the finally bloc within the unit test to populate the exception.
- C. Use the database methods with all or none set to FALSE.
- D. Use Test.isRunningTest() within the custom controlle

**Answer:** A

#### NEW QUESTION 74

What is a benefit of using an after insert trigger over using a before insert trigger?

- A. An after insert trigger allows a developer to bypass validation rules when updating fields on the new record.
- B. An after insert trigger allows a developer to insert other objects that reference the new record.
- C. An after insert trigger allows a developer to make a callout to an external service.
- D. An after insert trigger allows a developer to modify fields in the new record without a query.

**Answer:** B

#### NEW QUESTION 79

Which two number expressions evaluate correctly? (Choose two.)

- A. Double d = 3.14159;
- B. Integer l = 3.14159;
- C. Decimal d = 3.14159;
- D. Long l = 3.14159;

**Answer:** AC

#### NEW QUESTION 82

A newly hired developer discovers that there are multiple triggers on the case object.

What should the developer consider when working with triggers?

- A. Developers must dictate the order of trigger execution.
- B. Trigger execution order is based on creation date and time.
- C. Unit tests must specify the trigger being tested.
- D. Trigger execution order is not guaranteed for the same sObjec

**Answer:** D

#### NEW QUESTION 87

What is the result of the debug statements in testMethod3 when you create test data using testSetup in below code?

```

@isTest
private class CreateAndExecuteTest{

    @testSetup
    static void setup() {
        // Create 2 test accounts
        List<Account> testAccts = new List<Account>();
        for(Integer i=0;i<2;i++) {
            testAccts.add(new Account(Name = 'MyTestAccount'+i, Phone='333-878'));
        }
        insert testAccts;
    }

    @isTest static void testMethod1() {
        Account acc = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount0' LIMIT 1];
        acc.Phone = '888-1515';
        update acc;

        Account acc2 = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount1' LIMIT 1];
        acc.Phone = '999-1515';
        update acc2;
    }

    @isTest static void testMethod2() {
        Account acc = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount1' LIMIT 1];
        acc.Phone = '888-2525';
        update acc;
    }

    @isTest static void testMethod3() {
        Account acc0 = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount0' LIMIT 1];
        Account acc1 = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount1' LIMIT 1];

        System.debug('Account0.Phone='+ acc0.Phone +', Account1.Phone='acc1.Phone);
    }
}

```

- A. Account0.Phone=333-8781, Account1.Phone=333-8780
- B. Account0.Phone=888-1515, Account1.Phone=999-2525
- C. Account0.Phone=333-8780, Account1.Phone=333-8781
- D. Account0.Phone=888-1515, Account1.Phone=999-1515

**Answer: C**

#### NEW QUESTION 91

A company has a custom object named Warehouse. Each Warehouse record has a distinct record owner, and is related to a parent Account in Salesforce. Which kind of relationship would a developer use to relate the Account to the Warehouse?

- A. One -to -Many
- B. Lookup
- C. Master -Detail
- D. Parent -Child

**Answer: B**

#### NEW QUESTION 92

An sObject named Application\_c has a lookup relationship to another sObject named Position\_c. Both Application\_c and Position\_c have a picklist field named Status\_c. When the Status\_c field on Position\_c is updated, the Status\_c field on Application\_c needs to be populated automatically with the same value, and execute a workflow rule on Application\_c. How can a developer accomplish this?

- A. By changing Application\_c.Status\_c into a roll -up summary field.
- B. By changing Application\_c.Status\_c into a formula field.
- C. By using an Apex trigger with a DML operation.
- D. By configuring a cross-object field update with a workflo

**Answer: C**

#### NEW QUESTION 97

In an organization that has enabled multiple currencies, a developer needs to aggregate the sum of the Estimated\_value c currency field from the CampaignMember object using a roll-up summary field called Total\_estimated\_value c on Campaign.

- A. The values in Campaignmember.Estimated\_value c are converted into the currency of the Campaign record and the sum is displayed using the currency on the Campaign record.
- B. The values in CampaignMember.Estimated\_value c are converted into the currency on the majority of the CampaignMember records and the sum is displayed

using that currency.

- C. The values in CampaignMember.Estimated\_value c are summed up and the resulting Total\_estimated\_value c field is displayed as a numeric field on the Campaign record.
- D. The values In CampaignMember.Estimated\_value c are converted into the currency of the current user, and the sum is displayed using the currency on the Campaign record.

**Answer:** A

#### NEW QUESTION 100

Before putting an app into production, which step should be taken?

- A. Run the production check feature via the web interface
- B. Switch to a production database
- C. Insure that you have installed a performance introspection add-on
- D. Scale your dynos

**Answer:** A

#### NEW QUESTION 105

When creating unit tests in Apex, which statement is accurate?Choose 2

- A. Unit tests with multiple methods result in all methods failing every time one method fails.
- B. Increased test coverage requires large test classes with many lines of code in one method.
- C. Triggers do not require any unit tests in order to deploy them from sandbox to production.
- D. System Assert statements that do not Increase code coverage contribute important feedback in unit tests

**Answer:** BD

#### NEW QUESTION 108

A candidate may apply to multiple jobs at the company Universal Containers by submitting a single application per job posting, that application cannot be modified to be resubmitted to a different job posting.What can the administrator do to associate an application with each job posting in the schema for the organization?

- A. Create a lookup relationship on both objects to a junction object called Job Posting Applications.
- B. Create a master-detail relationship in the Job Postings custom object to the Applications custom object.
- C. Create a master-detail relationship in the Application custom object to the Job Postings custom object.
- D. Create a lookup relationship in the Applications custom object to the Job Postings custom objec

**Answer:** C

#### NEW QUESTION 110

What is an accurate statement about variable scope? (Choose 3)

- A. Parallel blocks can use the same variable name.
- B. A variable can be defined at any point in a block.
- C. Sub-blocks cannot reuse a parent block's variable name.
- D. Sub-blocks can reuse a parent block's variable name if it's value is null.
- E. A static variable can restrict the scope to the current block of its value is nul

**Answer:** ABC

#### NEW QUESTION 112

A developer needs to know if all tests currently pass in a Salesforce environment. Which feature can the developer use? (Choose 2)

- A. ANT Migration Tool
- B. Workbench Metadata Retrieval
- C. Salesforce UI Apex Test Execution
- D. Developer Console

**Answer:** CD

#### NEW QUESTION 116

When can a developer use a custom Visualforce page in a Force.com application? (Choose 2)

- A. To generate a PDF document with application data
- B. To create components for dashboards and layouts
- C. To deploy components between two organizations
- D. To modify the page layout settings for a custom object

**Answer:** AB

#### NEW QUESTION 117

What is an important consideration when developing in a multi-tenant environment?

- A. Governor limits prevent tenants from impacting performance in multiple orgs on the same instance.
- B. Unique domain names take the place of namespaces for code developed for multiple orgs on multiple instances.

- C. Polyglot persistence provides support for a global, multilingual user base in multiple orgs on multiple instances.
- D. Org-wide data security determines whether other tenants can see data in multiple orgs on the same instanc

**Answer:** A

#### NEW QUESTION 118

How would a developer determine if a CustomObject c record has been manually shared with the current user in Apex?

- A. By querying the role hierarchy.
- B. By calling the isShared() method for the record.
- C. By querying CustomObject Share.
- D. By calling the profile settings of the current use

**Answer:** C

#### NEW QUESTION 120

A company wants a recruiting app that models candidates and interviews; displays the total number of interviews on each candidate record; and defines security on interview records that is independent from the security on candidate records. What would a developer do to accomplish this task? Choose 2 answers

- A. Create a roll -up summary field on the Candidate object that counts Interview records.
- B. Create a master -detail relationship between the Candidate and Interview objects.
- C. Create a lookup relationship between the Candidate and Interview objects.
- D. Create a trigger on the Interview object that updates a field on the Candidate objec

**Answer:** CD

#### NEW QUESTION 124

A developer writes a SOQL query to find child records for a specific parent. How many levels can be returned in a single query?

- A. 1
- B. 7
- C. 5
- D. 3

**Answer:** C

#### NEW QUESTION 125

In a single record, a user selects multiple values from a multi-select picklist. How are the selected values represented in Apex?

- A. As a String with each value separated by a comma
- B. As a Set with each value as an element in the set
- C. As a String with each value separated by a semicolon
- D. As a List with each value as an element in the list Previous

**Answer:** C

#### NEW QUESTION 127

A developer creates a new Visualforce page and Apex extension, and writes test classes that exercise 95% coverage of the new Apex extension. Change set deployment to production fails with the test coverage warning: "Average test coverage across all Apex classes and triggers is 74%, at least 75% test coverage is required." What can the developer do to successfully deploy the new Visualforce page and extension?

- A. Create test classes to exercise the Visualforce page markup.
- B. Select "Disable Parallel Apex Testing" to run all the tests.
- C. Add test methods to existing test classes from previous deployments.
- D. Select "Fast Deployment" to bypass running all the test

**Answer:** C

#### NEW QUESTION 131

Why would a developer use Test.startTest( ) and Test.stopTest( )?

- A. To avoid Apex code coverage requirements for the code between these lines
- B. To start and stop anonymous block execution when executing anonymous Apex code
- C. To indicate test code so that it does not Impact Apex line count governor limits.
- D. To create an additional set of governor limits during the execution of a single test clas

**Answer:** D

#### NEW QUESTION 132

Which data structure is returned to a developer when performing a SOSL search?

- A. A list of lists of sObjects.
- B. A map of sObject types to a list of sObjects
- C. A map of sObject types to a list oflists of subjects
- D. A list of sObject

Answer: A

#### NEW QUESTION 133

What is a benefit of the lightning component framework?

- A. Better integration with Force.com sites
- B. Better performance for custom Salesforce1 Mobile Apps
- C. More Centralized control via server-side logic
- D. More pre-built components to replicate the salesforce look and feel

Answer: D

#### NEW QUESTION 137

A developer needs to confirm that an Account trigger is working correctly without changing the organization's data. What would the developer do to test the Account trigger?

- A. Use the Test menu on the developer Console to run all test classes for the account trigger.
- B. Use the New button on the Salesforce Accounts Tab to create a new Account record.
- C. Use the Open Execute Anonymous feature on the Developer Console to run an 'insert Account' DML statement.
- D. Use Deploy from the Force.com IDE to deploy an 'insert Account' Apex class

Answer: A

#### NEW QUESTION 140

A developer wrote a workflow email alert on case creation so that an email is sent to the case owner manager when a case is created. When will the email be sent?

- A. After Committing to database.
- B. Before Trigger execution.
- C. After Trigger execution.
- D. Before Committing to database

Answer: A

#### NEW QUESTION 143

A company that uses a Custom object to track candidates would like to send candidate information automatically to a third-party human resource system when a candidate is hired. What can a developer do to accomplish this task?

- A. Create an escalation rule to the hiring manager.
- B. Create an auto response rule to the candidate.
- C. Create a Process Builder with an outbound message action.
- D. Create a workflow rule with an outbound message action.

Answer: D

#### NEW QUESTION 144

Which statement about change set deployments is accurate? (Choose 3)

- A. They use an all or none deployment model.
- B. They require a deployment connection.
- C. They can be used to transfer Contact records.
- D. They can be used to deploy custom settings data.
- E. They can be used only between related organizations

Answer: ABE

#### NEW QUESTION 149

When the number of records in a recordset is unknown, which control statement should a developer use to implement a set of code that executes for every record in the recordset, without performing a .size() or .length() method call?

- A. For (init\_stmt, exit\_condition; increment\_stmt) { }
- B. Do { } While (Condition)
- C. For (variable : list\_or\_set) { }
- D. While (Condition) { ... }

Answer: C

#### NEW QUESTION 151

In which order does Salesforce execute events upon saving a record?

- A. Before Triggers; Validation Rules; After Triggers; Assignment Rules; Workflow Rules; Commit
- B. Validation Rules; Before Triggers; After Triggers; Workflow Rules; Assignment Rules; Commit
- C. Before Triggers; Validation Rules; After Triggers; Workflow Rules; Assignment Rules; Commit
- D. Validation Rules; Before Triggers; After Triggers; Assignment Rules; Workflow Rules; Commit

**Answer:** A

**NEW QUESTION 153**

What is the value of x after the code segment executes?

```
String x = 'A'; Integer i = 10; if ( i < 15 ) { i = 15; x = 'B'; } else if ( i < 20 ) { x = 'C'; } else { x = 'D'; }
```

- A. D
- B. A
- C. B
- D. C

**Answer:** C

**NEW QUESTION 156**

A developer creates a Workflow Rule declaratively that updates a field on an object. An Apex update trigger exists for that object. What happens when a user updates a record?

- A. No changes are made to the data.
- B. Both the Apex Trigger and Workflow Rule are fired only once.
- C. The Workflow Rule is fired more than once.
- D. The Apex Trigger is fired more than once.

**Answer:** D

**NEW QUESTION 158**

Which two number expression evaluate correctly? Choose 2 answers

- A. Integer I = 3.14159;
- B. Decimal D = 3.14159;
- C. Long l = 3.14159;
- D. Double D = 3.14159;

**Answer:** BD

**NEW QUESTION 162**

Which user can edit a record after it has been locked for approval? (Choose 2)

- A. Any user with a higher role in the hierarchy
- B. A user who is assigned as the current approver
- C. Any user who approved the record previously
- D. An administrator

**Answer:** BD

**NEW QUESTION 165**

Which type of code represents the Controller in MVC architecture on the Force.com platform? (Choose 2)

- A. JavaScript that is used to make a menu item display itself.
- B. A static resource that contains CSS and images.
- C. Custom Apex and JavaScript code that is used to manipulate data.
- D. StandardController system methods that are referenced by Visualforce

**Answer:** CD

**NEW QUESTION 167**

What are the supported content sources for custom buttons and links? (Choose 2 Answers)

- A. VisualForce Page.
- B. Static Resource.
- C. URL.
- D. Chatter File.
- E. Lightning Page

**Answer:** AC

**NEW QUESTION 168**

A developer is creating an application to track engines and their parts. An individual part can be used in different types of engines. What data model should be used to track the data and to prevent orphan records?

- A. Create a junction object to relate many engines to many parts through a master-detail relationship
- B. Create a lookup relationship to represent how each part relates to the parent engine object.
- C. Create a master-detail relationship to represent the one-to-many model of engines to parts.
- D. Create a junction object to relate many engines to many parts through a lookup relationship

**Answer:** A

#### NEW QUESTION 169

What is a good practice for a developer to follow when writing a trigger? (Choose 2)

- A. Using @future methods to perform DML operations.
- B. Using the Map data structure to hold query results by ID.
- C. Using the Set data structure to ensure distinct records.
- D. Using synchronous callouts to call external system

**Answer:** BC

#### NEW QUESTION 174

When creating a record with a Quick Action, what is the easiest way to post a feed item?

- A. By selecting create feed item on the quick action.
- B. By adding a trigger on the new record.
- C. By adding a workflow rule on the new record.
- D. By selecting create case feed on the new recor

**Answer:** A

#### NEW QUESTION 177

What must the Controller for a Visualforce page utilize to override the Standard Opportunity view button?

- A. The StandardSetController to support related lists for pagination.
- B. The Opportunity StandardController for pre -built functionality.
- C. A callback constructor to reference the StandardController.
- D. A constructor that initializes a private Opportunity variabl

**Answer:** B

#### NEW QUESTION 182

What is a correct pattern to follow when programming in Apex on a Multi-tenant platform?

- A. Apex code is created in a separate environment from schema to reduce deployment errors.
- B. DML is performed on one record at a time to avoid possible data concurrency issues.
- C. Queries select the fewest fields and records possible to avoid exceeding governor limits.
- D. Apex classes use the "with sharing" keyword to prevent access from other server tenant

**Answer:** C

#### NEW QUESTION 187

Which Apex collection is used to ensure that all values are unique?

- A. A Set
- B. An Enum
- C. A List
- D. An sObject

**Answer:** A

#### NEW QUESTION 192

Which statement should a developer avoid using inside procedural loops? (Choose 2)

- A. `System.debug('Amount of CPU time (in ms) used so far: ' + Limits.getCpuTime() );`
- B. `List contacts = [SELECT Id, Salutation, FirstName, LastName, Email FROM Contact WHERE AccountId = :a.Id];`
- C. `If(o.accountId == a.id)`
- D. `Update contactList;`

**Answer:** BD

#### NEW QUESTION 195

Which action can a developer perform in a before update trigger? (Choose 2)

- A. Display a custom error message in the application interface.
- B. Change field values using the Trigger.new context variable.
- C. Delete the original object using a delete DML operation.
- D. Update the original object using an update DML operatio

**Answer:** AB

#### NEW QUESTION 196

A developer created a lightning component name accountList.cmp that display a list of Accounts. Client-side logic that is executed when a user hovers over an account in the list should be stored in which bundle member?

- A. AccountListHelper.js
- B. AccountListRenderer.js
- C. AccountList.renderer
- D. AccountList.helper

**Answer: C**

#### NEW QUESTION 199

A developer has the following code:try {List nameList;Account a;String s = a.Name;nameList.add(s);} catch (ListException le ) {System.debug(' List Exception ');} catch (NullPointerException npe) {System.debug(' NullPointerException ');} catch (Exception e) {System.debug(' Generic Exception ');} What message will be logged?

- A. List Exception
- B. NullPointerException
- C. Generic Exception
- D. No message is logged

**Answer: B**

#### NEW QUESTION 203

What are two correct examples of the model in the salesforce MVC architecture? Choose 2 answers.

- A. Custom field on the custom wizard\_c object
- B. Standard lightning component
- C. Workflow rule on the contact object
- D. Standard account lookup on the contract object

**Answer: BC**

#### NEW QUESTION 208

The Review\_c object have a lookup relationship to the job\_Application\_c object. The job\_Application\_c object has a master detail relationship up to the position\_c object. The relationship is based on the auto populated defaults?

What is the recommended way to display field data from the related Review \_C records a Visualforce page for a single Position\_c record? Select one of the following:

- A. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Job\_Application\_c object to display Review\_c data.
- B. Utilize the Standard Controller for Position\_c and a Controller Extension to query for Review\_c data.
- C. Utilize the Standard Controller for Position\_c and expression syntax in the Page to display related Review\_c through the Job\_Application\_c inject.
- D. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Review\_c object to display Review\_c data.

**Answer: B**

#### NEW QUESTION 209

A developer creates a method in an Apex class and needs to ensure that errors are handled properly.What would the developer use? (There are three correct answers.)

- A. ApexPages.addErrorMessage()
- B. A custom exception
- C. .addError()
- D. Database.handleException()
- E. A try/catch construct

**Answer: BCE**

#### NEW QUESTION 212

What is a capability of a StandardSetController?Choose 2 answers

- A. It allows pages to perform mass updates of records
- B. It allows pages to perform pagination with large record sets
- C. It enforces field-level security when reading large record sets
- D. It extends the functionality of a standard or custom controller

**Answer: AB**

#### NEW QUESTION 216

How can a developer avoid exceeding governor limits when using an Apex Trigger?choose 2 answers

- A. By using a helper class that can be invoked from multiple triggers.
- B. By using the Database class to handle DML transactions.
- C. By using Maps to hold data from query results.
- D. By performing DML transactions on lists of SObject

**Answer: CD**

#### NEW QUESTION 217

How would a developer change the field type of a custom field on the Account object from string to an integer?

- A. Make the changes in the developer console, and then the change will automatically be reflected in the Apex code.
- B. Make the change in the declarative UI, then update the field type to an integer field in the Apex code.
- C. Make the change in the declarative UI, and then the change will automatically be reflected in the Apex code.
- D. Remove all references in the code, make the change in the declarative UI, and restore the references with the new type.

**Answer: D**

#### NEW QUESTION 220

What is the proper process for an Apex Unit Test

- A. Query for test data using SeeAllData = true
- B. Call the method being tested
- C. Verify that the results are correct.
- D. Query for test data using SeeAllData = true
- E. Execute runAllTests(). Verify that the results are correct.
- F. Create data for test
- G. Execute runAllTests(). Verify that the results are correct.
- H. Create data for test
- I. Call the method being tested
- J. Verify that the results are correct

**Answer: D**

#### NEW QUESTION 224

What can a Lightning Component contain in its resource bundle? Choose 2 answers

- A. Custom client side rendering behavior.
- B. Build scripts for minification
- C. Properties files with global settings
- D. CSS styles scoped to the component

**Answer: AD**

#### NEW QUESTION 228

Which option would a developer use to display the Accounts created in the current week and the number of related Contacts using a debug statement in Apex?

- A. `For(Account acc: [SELECT Id, Name, (SELECT Id, Name FROM Contacts) FROM Account WHERE CreatedDate = THIS_WEEK]) { List cons = acc.Contacts; System.debug(acc.Name + ' has ' + cons.size() + 'Contacts'; }`
- B. `For(Account acc: [SELECT Id, Name, (SELECT Id, Name FROM Contacts) FROM Account WHERE CreatedDate = CURRENT_WEEK]){ List cons = acc.Contacts; System.debug(acc.Name + ' has ' + cons.size() + 'Contacts'; }`
- C. `For(Account acc:[SELECT Id, Name, Account.Contacts FROM Account WHERE CreatedDate = CURRENT_WEEK]) { List cons = acc.Account.Contacts; System.debug(acc.Name + ' has ' + cons.size() + 'Contacts'; }`
- D. `For(Account acc: [SELECT Id, Name, Account.Contacts FROM Account WHERE CreatedDate = THIS_WEEK]){ List cons = acc.Account.Contacts; System.debug(acc.Name + ' has ' + cons.size() + 'Contacts' }`

**Answer: A**

#### NEW QUESTION 229

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